**PATENT** S/N NEW FILING

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

KNUDSON ET AL.

Examiner:

UNKNOWN

Serial No.:

**NEW FILING** 

Group Art Unit:

UNKNOWN

Filed:

HEREWITH

Docket No.:

13033.1USC8

Title:

STIFF SNORING IMPLANT

**CERTIFICATE UNDER 37 CFR 1.10:** 

"Express Mail" mailing label number: EV347850096US Date of Deposit: July 29

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Mail Stop PATENT APPLICATION, P.O. Box 1450, Alexandria, VA 22313-1450/

## INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(a)(2) and § 1.98(d), copies have been provided only for those items listed on the enclosed Form 1449 that have not previously been cited by or submitted to the U.S. Patent and Trademark Office in parent applications, U.S. Serial No. 09/872,545 filed on June 1, 2001, and U.S. Serial No. 09/398,991 filed September 17, 1999, now U.S. Patent No. 6,250,307.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to

establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.

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Nancy J. Parsons

Reg. No. 40,364

NJP:PSTdb

Date:

23552

Date Mailed:	<u>Jul</u>	¥ 29	, 2003
Date Mailed:	<u> </u>	<u> 189</u>	, 20

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<b>FORM</b>	1440*
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## INFORMATION DISCLOSURE STATEMENT

Docket Number: 13033.1USC8

Application Number:

NEW FILING

IN AN APPLICATION
(Use several sheets if necessary)

Applicant: KNUDSON ET AL.
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Group Art Unit: UNKNOWN

		U	J.S. PATENT DOCUMEN	NTS			
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING IF APPR	OPRIATE
	3,998,209	12/21/1976	Macvaugh				
	4,830,008	05/16/1989	Meer				
	4,978,323	12/18/1990	Freedman				
	5,046,512	09/10/1991	Murchie				
<del>,</del>	5,052,409	10/01/1991	Tepper				
	5,133,354	07/28/1992	Kallok				
	5,176,618	01/05/1993	Freedman				
<del>,</del> _	5,178,156	01/12/1993	Takishima et al.				
	5,190,053	03/02/1993	Meer				
	5,281,219	01/25/1994	Kallok				
	5,284,161	02/08/1994	Karell				
	5,456,662	10/10/1995	Edwards et al.				
····	5,514,131	05/07/1996	Edwards et al.				
	5,540,733	07/30/1996	Testerman et al.				
	5,591,216	01/07/1997	Testerman et al.				
	5,674,191	10/07/1997	Edwards et al.				
	5,718,702	02/17/1998	Edwards				_
	5,792,067	08/11/1998	Karell				
<del></del>	5,843,021	12/01/1998	Edwards et al.				
	Re. 36,120	03/02/1999	Karell			- In-	-
	5,897,579	04/27/1999	Sanders				
	5,922,006	07/13/1999	Sugerman				
	6,098,629	08/2000	Johnson et al.			***	
	6,250,307 B1	06/2001	Conrad et al.				
		FOR	REIGN PATENT DOCUM	MENTS	<u> </u>	·	
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	38 30 481 A1	03/22/1990	DE				Х

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EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

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Filing Date: HEREWITH

Group Art Unit: UNKNOWN

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	200 15 980 U	1	03/29/2001	DE	<del> </del>			Х
	0 706 808 A1		4/17/1996	EP				
	WO 00/59398	3	10/12/2000	PCT	ļ <u>.</u>			
1553140		03/30/1990	SU	<u> </u>	]	Abstract	<u> </u>	
		OTHER I	DOCUMENTS	(Including Author, Title, D	ate, Pertinen	Pages, Etc.)		
		Blumen, M. et al., "Radiofrequency Ablation for the Treatment of Mild to Moderate Obstructive Sleep Apnea," <i>The Laryngoscope</i> , Vol. 112, pp. 2086-2092 (November 2002).						
			l., "Long-Term R (March 2000).	esults of Uvulopalatopharyngo	plasty for Obst	ructive Sleep Apnea S	Syndrome", The	Laryngosco
		Brochure, "I-	laven't you suffer	red from Snoring long enough",	Somnoplasty <sup>SA</sup>	, 2 pgs.		
		Brochure, "C	Our Diagnostic Pr	ocedures are a Snap®!", Snap I	aboratories, 4	pgs.		
		Brochure, "S	nore-Free Nights	- Guaranteed!", Your Health N	lews, 2 pgs.			
		Brochure, "S	noreless <sup>TM</sup> ", Nut.	rition for Life International, 2 p	gs. (December	1999).		
		C. Lorenz, "	If he Snores - wh	at can you do about it?", Today	's Woman, July	1948, p.112		
		Cole, P. et al., "Snoring: A Review and a Reassessment", The Journal of Otolaryngology, Vol. 24, No. 5, pp. 303-306 (1995)						
		Coleman, S. et al., "Midline Radiofrequency Tissue Reduction of the Palate for Bothersome Snoring and Sleep-Disordered Breathing: A Clinical Trial", <i>Otolaryngology-Head and Neck Surgery</i> , pp. 387-394 (March 2000).						
		Dalmasso, F. et al., "Snoring: analysis, measurement, clinical implications and applications", Eur. Respir. J., Vol. 9, pp. 146-159 (1996)						
		Dalmasso, F. et al., "Snoring: analysis, measurement, clinical implications and applications", <i>Euro Respir J.</i> , pp. 146-159 (1996).						
		Du, G. et al., "Geometric Modeling of 3-D Braided Preforms for Composites", Drexel University, Fibrous Material Research Lab, Philadelphia, PA, 25 pages (Date Unknown)						
		Ellis, P. D. M. et al., "Surgical relief of snoring due to palatal flutter: a preliminary report", Annals of the Royal College of Surgeons of England, Vol. 75, No. 4, pp. 286-290 (1993).						
		Fischer, Y. et al., "Die Radiofrequenzablation des weichen Gaumens (Somnoplastik)", Redaktion, pp. 33-40 (2000).						
		Harries, P.G. et al., "Review Article: The surgical treatment of snoring", <i>The Journal of Laryngology and Otology</i> , Vol. 110, pp. 1105-1106 (December 1996)						
		Huang, L. et al., "Biomechanics of snoring", Endeavour, Vol. 19, No. 3, pp. 96-100 (1995)						
		Huang, L., "Flutter of Cantilevered Plates in Axial Flow", Journal of Fluids and Structures, Vol. 9, pp. 127-147 (1995).						
		International	Search Report fo	or Application No. PCT/US00/2	26616 dated De	cember 14, 2000		
		International	Search Report fo	or Application No. PCT/US00/4	10830 dated Fel	oruary 6, 2001		
1				ency Volumetric Reduction of the No. 3, pp. 410-414 (March 2000)		Extended Follow-Up	Study", Otolaryn	gology-Hea
		Ko, F., "Brai	ding", Engineere	d Materials Handbook - Comp	osites, Vol. I. p	p. 519-528 (Date Unl	known)	

DATE CONSIDERED

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FORM 1449* INFORMATION DISCLOSURE STATEMENT	Docket Number: 13033.1USC8	Application Number: NEW FILING	
IN AN APPLICATION	Applicant: KNUDSON ET AL.		
(Use several sheets if necessary)	Filing Date: HEREWITH	Group Art Unit: UNKNOWN	

LaFrentz et al., "Palatal Stiffening Techniques for Snoring in a Novel Canine Model", Abstract MidWinter Meeting of the Association for Research in Otolaryngology, Abstract No. 499, Vo 18, 1999).			
	Schwartz, R.S. et al., "Effects of electrical stimulation to the soft palate on snoring and obstructive sleep apnea", <i>J. Prosthet. Dent.</i> , Vol. 76, No. 3, pp. 273-281 (1996)		
	Wiltfang, J. et al., "First results on daytime submadibular electrostimulation of suprahyoidal muscles to prevent night-time hypopharyngeal collapse in obstructive sleep apnea syndrome", <i>Int. J. Oral Maxillofac. Surg.</i> , Vol. 28, pp. 21-25 (1999)		



**EXAMINER** 

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